

432-1386

9/7/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460-0001



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

SEP 7 2012

Mr. Jan Brill  
Bayer Environmental Science  
2 T.W. Alexander Drive  
Raleigh, NC 27709

Subject: Amended Reregistration Label  
Product Name: Permethrin 40% MFG Concentrate  
EPA Registration Number: 432-1386  
EPA Decision Numbers: 413534

Dear Mr. Brill:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the Permethrin RED, and has concluded that your submission is acceptable.

NOTE: This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

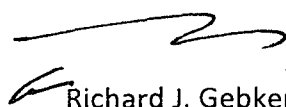
Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF (ID# 1386.B013), dated 2/15/10
- Alternate CSF #1 (ID# 1386.A010), dated 2/16/10

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

If you have any questions about this letter, please contact Julie Chao at (703) 308-8735 or [chao.julie@epa.gov](mailto:chao.julie@epa.gov).

Sincerely,



Richard J. Gebken  
Product Manager (10)  
Insecticide Branch  
Registration Division (7504P)

*Enclosures: Label stamped "Accepted" SEP 7 2012  
Acute Toxicity Review, dated August 11, 2010  
Product Chemistry Reviews, dated January 19, 2011 and April 10, 2012*

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# PERMETHRIN® 40% MFG Concentrate

[ABN: PERMANONE® 40 Concentrate For Military Specs]

- An Insecticide For Manufacturing/Formulating Use Only.
- For Formulation Into End-Use Insecticides.
- FOR MANUFACTURING USE IN PRODUCING TENTS, SHELTERS, TRUCK COVERS, AWNINGS, HUNTING BLINDS, OUTERWEAR GARMENTS, DOMESTIC ANIMAL CARE PRODUCTS AND CARPETS.

## ACTIVE INGREDIENT:

Permethrin .....40.00%

OTHER INGREDIENTS♦: .....60.00%

TOTAL: .....100.00%

♦ Contains Petroleum Distillate.

EPA Reg. No. 432-1386

EPA EST. NO.

## KEEP OUT OF REACH OF CHILDREN DANGER

PRECAUCION AL CONSUMIDOR: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

FIRST AID	
IF IN EYES	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
IF SWALLOWED	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Do not give any liquids to the person.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<p><b>HOT LINE NUMBER: 1-800-331-2867</b> [Synthetic Pyrethroid]</p>	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of Medical emergencies or health and safety inquiries or in case of fire, leaking or damaged containers, information may be obtained by calling 1-800-334-7577.</p>	
<p><b>NOTE TO PHYSICIAN:</b> This product contains a pyrethroid and a petroleum distillate. Vomiting may cause aspiration pneumonia. The product can cause severe eye damage; ophthalmology consultation recommended. Mucosal damage may contraindicate the use of gastric lavage.</p>	

See Side Panel For Additional Precautions

ACCEPTED

SEP 7 2012

Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for the  
pesticide registered under:

EPA. Reg. No. 432-1386

## PRECAUTIONARY STATEMENTS

### Hazards To Humans & Domestic Animals

#### DANGER

Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Wear goggles or face shield. Harmful if swallowed. Avoid contact with skin. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

#### User Safety Recommendations

- User should wash hands before, eating, drinking, chewing gum, using tobacco, or using the toilet.
- User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic organisms including fish and invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

### Physical and Chemical Hazards

Combustible. Do not use or store near heat or open flame.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

### READ ENTIRE LABEL FOR DIRECTIONS

**ONLY FOR FORMULATION INTO AN INSECTICIDE** for the following uses: Domestic Outdoor and Indoor, Industrial/Commercial Uses, Animal Treatments (including livestock and pets), Mosquito Abatement and Terrestrial Non-Food.

For use in factory applied coatings (such as water repellent, fire retardant and stain resistant materials) used in/on fabrics (for tents, shelters, truck covers, awnings, hunting blinds and netting); outer wear garments (for coats, jackets, coveralls, gaiters, chaps, hat bands, bibs and vests); and domestic animal [dogs, cats, horses] care products (such as pet bedding, blankets, rugs, netting and kennel/stall coverings) as an insecticide and repellent against ticks, mosquitoes, spiders, ants, fleas, flies and other flying and crawling insects. Also for use in/on fabrics for carpeting as an insecticide and repellent against dust mites. For optimum performance of treated materials, incorporate into the coatings matrix of fabrics at a rate not to exceed 1.25 grams Permethrin per square meter of fabric. Insects which come into contact with treated fabric surfaces will be killed; insects which come near treated fabric surfaces will be repelled.

All liquid and RTU products labeled for use on indoor surfaces (broadcast, baseboard, spot, and crack and crevice) at residential sites must be formulated to contain no more than 0.5% of Permethrin active ingredient.

All liquid products (excluding RTU aerosols) labeled for use on indoor surfaces must state the following: "Not for broadcast use."

Do not exceed an application rate equivalent to 1.25 grams of a.i. per square meter of fabric.

This product may be used to formulate products for any additional use(s) not listed on the MP label if the formulator, user group, or grower has complied with U.S. EPA submission requirements regarding support of such uses(s).

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE AND SPILL PROCEDURES:** Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**Container Disposal:** 5 gallon size: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling, if available, offer for reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by other approved State and local procedures.

Larger than 5 gallon sizes: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling, if available, offer for reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by other approved State and local procedures.

**IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience LP. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience LP is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

**LIMITATIONS OF LIABILITY:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE LP'S ELECTION, THE REPLACEMENT OF PRODUCT.

**NET CONTENTS:****PRODUCED FOR****Bayer Environmental Science**

**A Division of Bayer CropScience LP  
P.O. Box 12014, 2 T. W. Alexander Drive Research  
Triangle Park, North Carolina 27709**

Permethrin 40% MFG Concentrate (PENDING) 03-16-10, 09-07-12